~~IN THE CLAIMS~~

Claims 1-35: Canceled.

36. (New, Corresponds to Claim 33) A method of producing a cDNA encoding a human brain natriuretic peptide, comprising:

hybridizing a probe having a DNA sequence encoding a part of a porcine brain natriuretic peptide to a human cDNA library;

selecting a positive clone; and

isolating the cDNA of said positive clone,

wherein said probe is obtained by digesting a complete or incomplete cDNA clone encoding porcine brain natriuretic peptide with endonucleases XhoI and RsaI.

37. (New, Corresponds to Claim 34) The method of Claim 36, wherein said probe is labeled.

38. (New, Corresponds to Claim 15) A cDNA, wherein the base sequence consists of a sequence encoding a polypeptide having the following amino acid sequence:

H-Gly Ser Gly Cys Phe Gly Arg Lys Met Asp Arg Ile Ser Ser

Ser Ser Gly Leu Gly Cys Lys Val Leu Arg Arg His-OH.

39. (New, Corresponds to Claim 16) A cDNA, wherein the base sequence consists of a sequence encoding a polypeptide having the following amino acid sequence:

H-Ser Pro Lys Met Val Gln Gly Ser Gly Cys Phe Gly Arg

Lys Met Asp Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys Lys

Val Leu Arg Arg His-OH

40. (New, Corresponds to Claim 20) The cDNA of Claim 38, wherein the base sequence consists of the following sequence:

GGG TCT GGC TGC TTT GGG AGG AAG ATG GAC CGG ATC AGC

TCC TCC AGT GGC CTG GGC TGC AAA GTG CTG AGG CGG CAT.

41. (New, Corresponds to Claim 21) The cDNA of Claim 39, wherein the base sequence consists of the following sequence:

AGC CCC AAG ATG GTG CAA GGG TCT GGC TGC TTT

GGG AGG AAG ATG GAC CGG ATC AGC TCC TCC AGT

GGC CTG GGC TGC AAA GTG CTG AGG CGG CAT.

42. (New) A polypeptide having an amino acid sequence which consists of the following amino acids:

H-Gly Ser Gly Cys Phe Gly Arg Lys Met Asp Arg Ile Ser Ser

Ser Ser Gly Leu Gly Cys Lys Val Leu Arg Arg His-OH.

43. (New) A polypeptide having an amino acid sequence which consists of the following amino acids:

H-Ser Pro Lys Met Val Gln Gly Ser Gly Cys Phe Gly Arg

Lys Met Asp Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys Lys

Val Leu Arg Arg His-OH.

44. (New) A polypeptide having an amino acid sequence which consists of the following amino acids:

H-Gly Ser Gly Cys Phe Gly Arg Lys Met Asp Arg Ile Ser Ser

Ser Ser Gly Leu Gly Cys Lys Val Leu Arg Arg His-OH.

45. (New) A polypeptide having an amino acid sequence which consists of the following amino acids:

H-Ser Pro Lys Met Val Gln Gly Ser Gly Cys Phe Gly Arg

Lys Met Asp Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys Lys

Val Leu Arg Arg His-OH.

SUPPORT FOR THE AMENDMENTS

Newly-added Claims 36-45 are supported by the specification at pages 3-24. In particular, page 4 of the specification describes the claimed sequences as BNP-23 and BNP-32. Claims 36-41 correspond to previous Claims 33, 34, 15, 16, 20, and 21, respectively. No new matter is believed to have been added to this application by those amendments.